Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
Data File : BN033062.D
Acq On : 29 Jul 2024 10:15
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 11:09:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 10:37:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.517	152	2716	0.400	ng	0.00
7) Naphthalene-d8	10.329	136	9375	0.400	ng	# 0.00
13) Acenaphthene-d10	14.168	164	6207	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	14002	0.400	ng	0.00
29) Chrysene-d12	21.169	240	11503	0.400	ng	0.00
35) Perylene-d12	23.355	264	11640	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	2483	0.361	ng	-0.02
5) Phenol-d6	6.874	99	3465	0.406	ng	-0.03
8) Nitrobenzene-d5	8.845	82	2625	0.372	ng	-0.01
11) 2-Methylnaphthalene-d10	11.946	152	5111	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	736	0.277	ng	0.00
15) 2-Fluorobiphenyl	12.821	172	8248	0.357	ng	0.00
27) Fluoranthene-d10	18.992	212	12149m	0.335	ng	0.00
31) Terphenyl-d14	19.596	244	8296	0.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1499	0.446	ng	# 85
3) n-Nitrosodimethylamine	3.465	42	1232	0.433	ng	# 91
6) bis(2-Chloroethyl)ether	7.011	93	2738	0.384	ng	89
9) Naphthalene	10.383	128	9531	0.367	ng	96
10) Hexachlorobutadiene	10.564	225	1759	0.355	ng	# 98
12) 2-Methylnaphthalene	12.022	142	5643	0.333	ng	# 96
16) Acenaphthylene	13.901	152	9077	0.359	ng	99
17) Acenaphthene	14.233	154	6775	0.379	ng	99
18) Fluorene	15.248	166	8972	0.375	ng	98
20) 4,6-Dinitro-2-methylph...	15.567	198	188	0.355	ng	# 1
21) 4-Bromophenyl-phenylether	16.150	248	2645	0.322	ng	95
22) Hexachlorobenzene	16.237	284	2973	0.323	ng	# 91
23) Atrazine	16.436	200	2061	0.340	ng	97
24) Pentachlorophenol	16.659	266	709	0.207	ng	96
25) Phenanthrene	16.994	178	13178	0.344	ng	100
26) Anthracene	17.106	178	8703	0.276	ng	98
28) Fluoranthene	19.024	202	14561	0.314	ng	100
30) Pyrene	19.391	202	17242	0.367	ng	100
32) Benzo(a)anthracene	21.160	228	10591	0.291	ng	98
33) Chrysene	21.205	228	18259	0.422	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	11999	0.596	ng	# 91
36) Indeno(1,2,3-cd)pyrene	25.580	276	15916	0.347	ng	99
37) Benzo(b)fluoranthene	22.700	252	12846	0.317	ng	99
38) Benzo(k)fluoranthene	22.747	252	17055	0.368	ng	98
39) Benzo(a)pyrene	23.279	252	12568	0.344	ng	97
40) Dibenzo(a,h)anthracene	25.580	278	12356	0.341	ng	96
41) Benzo(g,h,i)perylene	26.253	276	14901	0.371	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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